

CLAIM -1

Gas Hot-Water-Tank Air Flow Control Mechanism

"What I claim as my invention is a hinged, horizontally swinging portal, mounted in a collar that surrounds the lower section of a gas-fired hot water tank, that, when opened by the draft created by the flame, and closed by gravity in the absence of that same draft, allows air to flow to the flame chamber when flame operational and eliminates air flow during periods of flame-out.